

NEWS.

PROFESSOR DR. E. HEINRICHER, of the University of Innsbruck, will depart for Buitenzorg, Java, in the autumn.

DR. OSCAR EMMERLING has been promoted to an associate professorship of botany in the University of Berlin.—*Science*.

THE TITLE of professor has been conferred upon Drs. Gustav Lindau, Paul Hennings, and Carl Holtermann, of Berlin.

PROFESSOR W. A. SETCHELL, of the University of California, will spend next year in Europe in botanical investigation and travel.

PROFESSOR VOLNEY M. SPALDING, of the University of Michigan, has been given a year's leave of absence, which he expects to devote to travel abroad.

DR. MICHAEL WORONIN, member of the Academy and professor of botany in the University of St. Petersburg, died recently at the age of seventy-five years.

PROFESSOR JOHN M. COULTER, head of the Department of Botany in the University of Chicago, will travel in Europe during the summer and autumn. He sails with his family on May 23.

DR. A. GINZBERGER has been promoted to the position of adjunct in the Botanical Museum and Garden of the Imperial University of Vienna. DR. O. PORSCH has been appointed assistant in the same institution.

MR. A. D. SELBY, botanist to the Agricultural Experiment Station at Wooster, Ohio, who has been in residence at the New York Botanical Garden since December, has been granted a research scholarship of the Garden.—*Science*.

PROFESSOR R. E. SMITH, assistant in botany at the Massachusetts Agricultural College and Experiment Station, has accepted the position of pathologist and assistant professor in botany in the University of California.—*Science*.

FILIBERT ROTH, formerly assistant professor of forestry at Cornell University, and later chief of Forest Reservations in the Department of the Interior, has been appointed professor of forestry in the University of Michigan.—*Science*.

IN THE NEW appropriation to the U. S. Department of Agriculture, \$674,930 have been granted to the Bureau of Plant Industry, an increase of

\$62,200, and to the Bureau of Forestry \$350,000, an increase of \$58,140 over last year.

MR. CHARLES A. DAVIS, instructor in forestry in the University of Michigan, has been engaged to prepare a map showing the distribution of forest trees and soil relations for the Ann Arbor sheet of the topographic atlas soon to be published by the United States Geological Survey.—*Science*.

OTTO JAAP, of Hamburg (Mittelstr. 67) has undertaken the publication of *Fungi Selecti Exsiccati*, consisting of new or rare species in series of twenty-five numbers, with printed labels. Heteroecious species are to be represented in their different forms under the same number. The first series consists of forty-two pockets, representing twenty-five species.

THE RANKS of mycologists have suffered an irreparable loss in the death of Dr. A. N. Berlese, which occurred on January 26 at Milan, where he was professor of plant pathology in the Agricultural College. Although only thirty-eight years of age, his name has become well known to the scientific world on account of his extensive work in mycology and plant pathology.

MR. THOMAS HOWELL, editor of the *Flora of the Northwest* and a veteran collector in that region, has been appointed for the coming year field collector and curator of the herbarium for the University of Oregon. He has donated his herbarium to the University. It contains specimens from Oregon, Washington, Idaho, and Alaska to the number of ten thousand or more, many of them being types.

THE MICHIGAN ACADEMY OF SCIENCE, at its recent meeting held in Ann Arbor, elected among its officers for the ensuing year the following botanists: as president, Dr. Frederick C. Newcombe, University of Michigan; as secretary, Dr. James B. Pollock, University of Michigan; as vice-president of the section of botany, Professor B. O. Longyear, Michigan Agricultural College; as vice-president of the section of agriculture, Professor W. J. Beal, Michigan Agricultural College.

M. ÉMILE BESCHERELLE, honorary chief of division of Ministry of Public Works in France, died on February 26 in the seventy-sixth year of his age. For a long time he has devoted his leisure to the study of mosses, in whose taxonomy he had become an acknowledged authority. He had been for some years in feeble health, but continued work to the last upon a *Sylloge*, in which he intended to include all the diagnoses of new species published by him from 1862 to 1902. He had been president of the Botanical Society of France and was corresponding member of the Muséum d'Histoire naturelle, to which establishment he has given his type specimens.

PROFESSOR H. L. BOLLEY, botanist of the North Dakota Agricultural College and Experiment Station, has been appointed special agent for the investigation of the flax crop and flax diseases in Europe. Mr. Bolley will sail the first of June, spend some time in the Netherlands, and then proceed

to eastern Russia, where an extensive study will be made upon the Russian crop, with a view to procuring types of seed which will be valuable for experimental tests in this country. As Agricultural Explorer he hopes to visit all the chief flax-producing regions and to learn much which may be of use to growers in this country. He has already contributed to the promotion of this industry by his investigations. Leave of absence has been allowed by the College, to which he will return.

DR. N. L. BRITTON, director-in-chief of the New York Botanical Garden, and Mrs. Britton returned from Cuba on April 4. During the brief visit made to the island a large collection of herbarium specimens was made, principally from the region around Matanzas, and some desirable specimens were brought back for the conservatories. Valuable assistance was rendered by Mr. John Shafer, curator of the herbarium of the Carnegie Museum, Pittsburgh. In addition to the great amount of material secured which will be of great value in the continuation of investigations upon the flora of the West Indies, Dr. Britton was so fortunate as to secure a number of rare botanical books not previously in the library of the garden. Mr. Percy Wilson, museum aid, returned from Honduras March 18, bringing a large collection of living and prepared specimens of plants from the region near Puerto Sierra and Puerto Cortez.—*Science*.

THE DESERT BOTANICAL LABORATORY of the Carnegie Institution will be located at Tucson. Mr. Frederick V. Coville and Dr. D. T. MacDougal, the advisory board of the laboratory, after an examination of the deserts of Texas, New Mexico, Arizona, California, Chihuahua, and Sonora, reported in favor of locating the laboratory near Tucson, and the executive committee of the Carnegie Institution has approved the selection. The building is to be located on the shoulder of a mountain two miles west of the city. This mountain and the adjoining mesas bear an abundant representation of characteristic desert plants. The officers of the University of Arizona and of the Arizona Agricultural Experiment Station have taken a lively interest in the project. The Tucson Chamber of Commerce expressed its appreciation of the importance of the enterprise by donating the site and installing water supply and electric connections, beside rendering other valuable assistance. Plans for the building have been approved, and construction will be begun as soon as the site is prepared. It is expected that the laboratory will be ready for operation about September 1, at which time Dr. W. A. Cannon, the resident investigator, will take up his duties.